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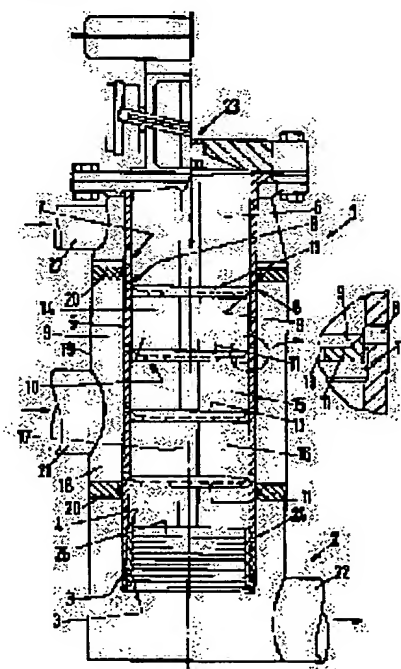
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(54) APPARATUS FOR MIXING A FLUID WITH A LIQUID, PARTICULARLY, MIXING CARBON DIOXIDE WITH AN AQUEOUS BEVERAGE SOLUTION

(57)Abstract:

PURPOSE: To provide a mixing apparatus which can achieve a specific mixing effect even if the production amount is varied when a mixture of a fluid with a liquid is produced.

CONSTITUTION: The apparatus comprises a combining part 1 and an in-line mixing part 2. The combining part 1 has a plurality of infusion chambers 6, 14, 15, 16 consisting of a cylinder wall 5 and a chamber isolating plate 11 each. A cross-sectional area of a radial bore 8 through which a liquid is injected into the chamber 6, 14, 15, 16 can be controlled by the outside edge of the chamber isolating plate 11 which is movable in the axial direction.



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